

subject to the "Standard Specifications for Public Works Construction" (Green Book"), the City will require a compaction test and certificate, from a soil engineer, showing that the entire fill has been compacted to at least 90%.

XII. FENCING

If a pedestrian walkway is adjacent to the top of a retaining wall that is more than 30-inches in height, you must install safety fencing at the top of the wall. If a wall is greater than 30-inches in height and is adjacent to a street, driveway or parking area, you must install a vehicular guardrail at the top of the wall.

XIII. USE OF TABLES

First, determine the height of wall you need to construct. Then determine the slope of retained earth or if the wall supports vehicular surcharge. Based on what distance you choose from the footing toe to the face of wall, use the table with the necessary wall height and slope of retained earth or surcharge. From the appropriate table, copy the wall design information, including block width, reinforcing steel size and spacing, and footing and key dimensions, on to a copy of the City's typical wall section form (Drawings CVCS 31 or CVCS 32). Use a separate form for each different design of wall. (One wall design may be used for all walls of a certain height and lower. However, there may be savings in material costs if a different, more economical, design is used for walls of lower height). Indicate on each form the locations on the property that the particular wall design will be used. See EXAMPLE at end of the attached forms.

XIV. PLAN SUBMITTAL

Prepare a **land development plan** (for Engineering Division permits) or **plot plan** (for Building Division permits) showing the location, type and height of each wall. Show all adjacent structures, driveways, parking areas and pedestrian walkways. Attach a completed form for each proposed wall design, as well as a copy of this procedure with the (following) disclaimer signed and dated.

XV. DISCLAIMER

These design standards indicate a minimum acceptable design for retaining walls meeting very specific field conditions and construction procedures. City approval of retaining walls and any related improvements shall not constitute a representation of the adequacy of the design or engineering of such retaining walls or improvements, nor shall it constitute an implied representation as to its suitability or fitness for any particular purpose. The City assumes no liability or any responsibility for damage or failure. The owner should consult with an appropriate Registered Civil Engineer or licensed architect.

Revised:	Original approval date:		CITY OF CHULA VISTA PUBLIC WORKS DEPARTMENT	
	Redrawn By: CVM	Date: 9-25-01		
	<i>Clifford Swanson</i>		RETAINING WALL REQUIREMENTS PUBLICATION OUTLINES	CVCS 30 SH. 5 OF 6
	CITY ENGINEER Date: 12/10/01			
	<i>Brian Remp</i>			
	BUILDING OFFICIAL Date: 12/10/01			